Florida Department of Transportation

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ANANTH PRASAD, P.E.
SECRETARY

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MATERIALS BULLETIN NO. 13-14
DCE MEMORANDUM NO. 22-14
(FHWA approved 11/10/2014)

TO: **DISTRICT CONSTRUCTION ENGINEERS**
DISTRICT RESEARCH MATERIALS ENGINEERS

FROM: **Timothy J. Ruelke, P.E., Director, Office of Materials**
David A. Sadler, P.E., Director, Office of Construction

COPIES: Rudy Powell, Tom Byron, Bob Burleson, Chad Thompson, Nick Finch, Rafiq Darji, Mike Bergin, Ron Simmons, District Concrete Engineers

SUBJECT: **PROGRAM CHANGES TO THE MANAGEMENT OF CONCRETE PRODUCTION FACILITY CHLORIDE DATA**

As a result of recent high chloride concentrations impacting construction projects and the recent pilot study performed to assess the viability of concrete producers entering chloride data into the Department's Laboratory Information Management System (LIMS), the following programmatic changes will be implemented:

I. Chloride data will continue to be maintained at the production facility.
II. Monthly certifications to the contractor per Materials Manual Section 9.2.15.2 indicating that chloride concentrations are compliant with Section 346 will no longer be required.
III. Indicating chloride data on delivery tickets will no longer be required.
IV. All Chloride data will be reported by one of the methods prescribed below:

A) Producers who prefer to enter their chloride data in LIMS will be provided assistance for obtaining access and training. Companies wishing to use LIMS must contact the State Materials Office as soon as possible to begin the process of obtaining access to the LIMS database. Chloride concentration results must be entered at a minimum frequency of every 30 days. However, failing results must be reported immediately.
B) Producers who prefer to provide chloride concentration results via email transmission may do so by emailing their test data to the FDOT District Concrete Engineer of the district that reviews their quality control program. Electronic data must be received at a minimum frequency of every 30 days. However, failing results must be reported immediately. There are two options for emailing chloride concentration results:

1) Transmission of a summary report (e.g. Excel spreadsheets, Word tables). Summary reports must include the plant number, mix design number, class of concrete, sample number, date the sample was taken, the date the sample was tested, the chloride concentration results of the three replicates, the overall average chloride concentration, and a pass/fail result for each sample.
2) Transmission of individual test reports for each sample.

Below is the contact information for each of the FDOT Districts:

Districts 1 & 7:	Keith West	(863) 519-4264	Keith.West@dot.state.fl.us
District 2:	Katie Bettman	(904) 360-5391	Katie.Bettman@dot.state.fl.us
District 3:	Marshall Hagler	(850) 330-1722	Marshall.Hagler@dot.state.fl.us
Districts 4&6:	Jay Sajadi	(954) 677-7016	Jay.Sajadi@dot.state.fl.us
District 5:	Thomas Kunzen	(386) 740- 3499	Thomas.Kunzen@dot.state.fl.us
Turnpike:	Leigh Markert	(954) 829-6605	Leigh.Markert@dot.state.fl.us

If there are any questions, contact either Ron Simmons at (352) 955-6691 or email Ronald.Simmons@dot.state.fl.us or Mike Bergin at (352) 955-6666) or email Michael.Bergin@dot.state.fl.us.

For questions regarding LIMS access, contact Susan Musselman at (352) 955-6669 or email Susan.Musselman@dot.state.fl.us.

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